

**PERMIT APPLICATION: NRS #02-370**

**APPLICANT:** Tennessee Department of Transportation  
Environmental Planning and Permits Division  
Suite 900, J.K. Polk Building  
505 Deaderick St.  
Nashville, TN 37243-0338  
(615) 532-5660

**LOCATION:** **State Route 386 (Vietnam Veterans Blvd.) Bridge and Approaches of Relocated Station Camp Creek Road, Sumner County, Tennessee**  
**TDOT# 83076-1224-04 (D)**

**WATERSHED DESCRIPTION:** The Station Camp Creek watershed consists primarily of agricultural lands. Land use is predominantly pasture/old field and agricultural row crop, with a limited amount of residential/commercial land and forest/secondary woods. Station Camp Creek and the unnamed tributaries to Station Camp Creek have moderate habitat quality and have been impacted by cattle. Impacts include: eroding, unstable banks, excessive algal growth and disturbed channel/substrate. The streambed of Station Camp Creek varies from 25'-30' in width with a stream depth of 1'-3". Substrate consists mainly of gravel, sand, and silt. The canopy consists of box elder and American elm. The unnamed tributaries have a width of 2'-4' with a depth of 0"-6", with a mixed canopy of box elder, cedar, hackberry and black willow. Station Camp Creek and the unnamed tributaries appear to have moderate to good aquatic habitat, fishes, minnows, and macroinvertebrates were present.

**PROJECT DESCRIPTION:** The applicant proposes to construct 3.585 mi. of State Route 386 along a new alignment for public use. The proposed project construction will consist of a four 12' lanes, 12' shoulders, 36' median, and 18' typical to ditch centerline. The project involves a stream relocation and encapsulation requiring an individual permits (IARAPS #4). TDOT proposes to mitigate for 1093' of the relocated channel by planting trees on both sides of the channel to provide shade and bank stability. The proposed new channel will also be constructed of natural materials rather than rock riprap. TDOT also proposes to use the In-Lieu-Fee program for the 574' of additional impact from the culverted, lost footage of the relocated stream channel.

The project would be staged in order to complete all necessary excavation in the dry. Standard erosion control devices would be used to prevent sediment from entering flowing water. Upon completion of the work, all disturbed areas would be stabilized.

**PERMIT COORDINATOR:** Jennifer Wallens

**FIGURES 1-4 ATTACHED**

**USGS TOPOGRAPHIC QUADRANGLE:** Hendersonville, TN (310-SE), near  
Hendersonville, TN (313-NW)



file No 200200387

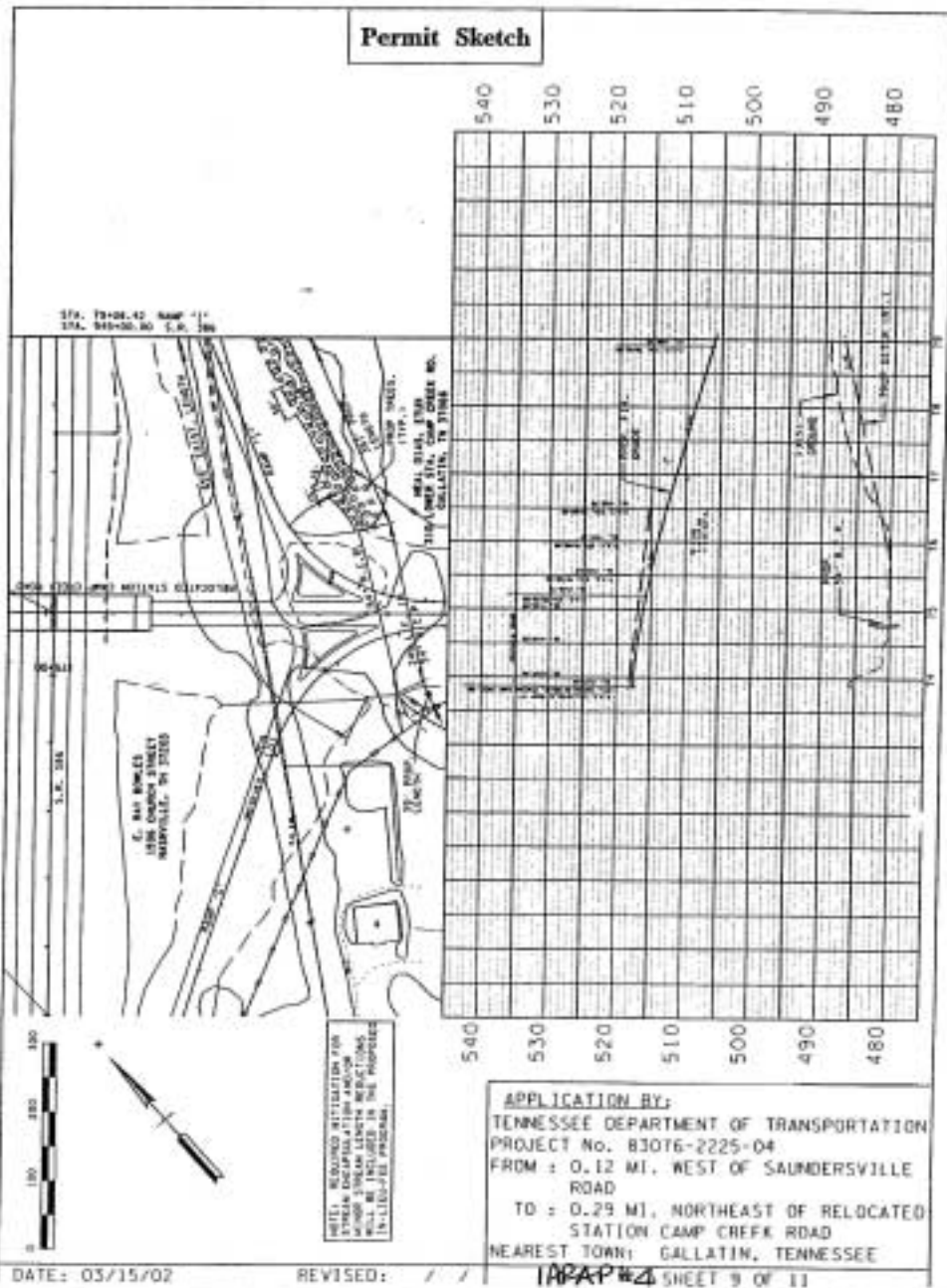


FIGURE 2 SR 386 PERMIT SKETCH 1 (TDOT SHEET 9 of 11)

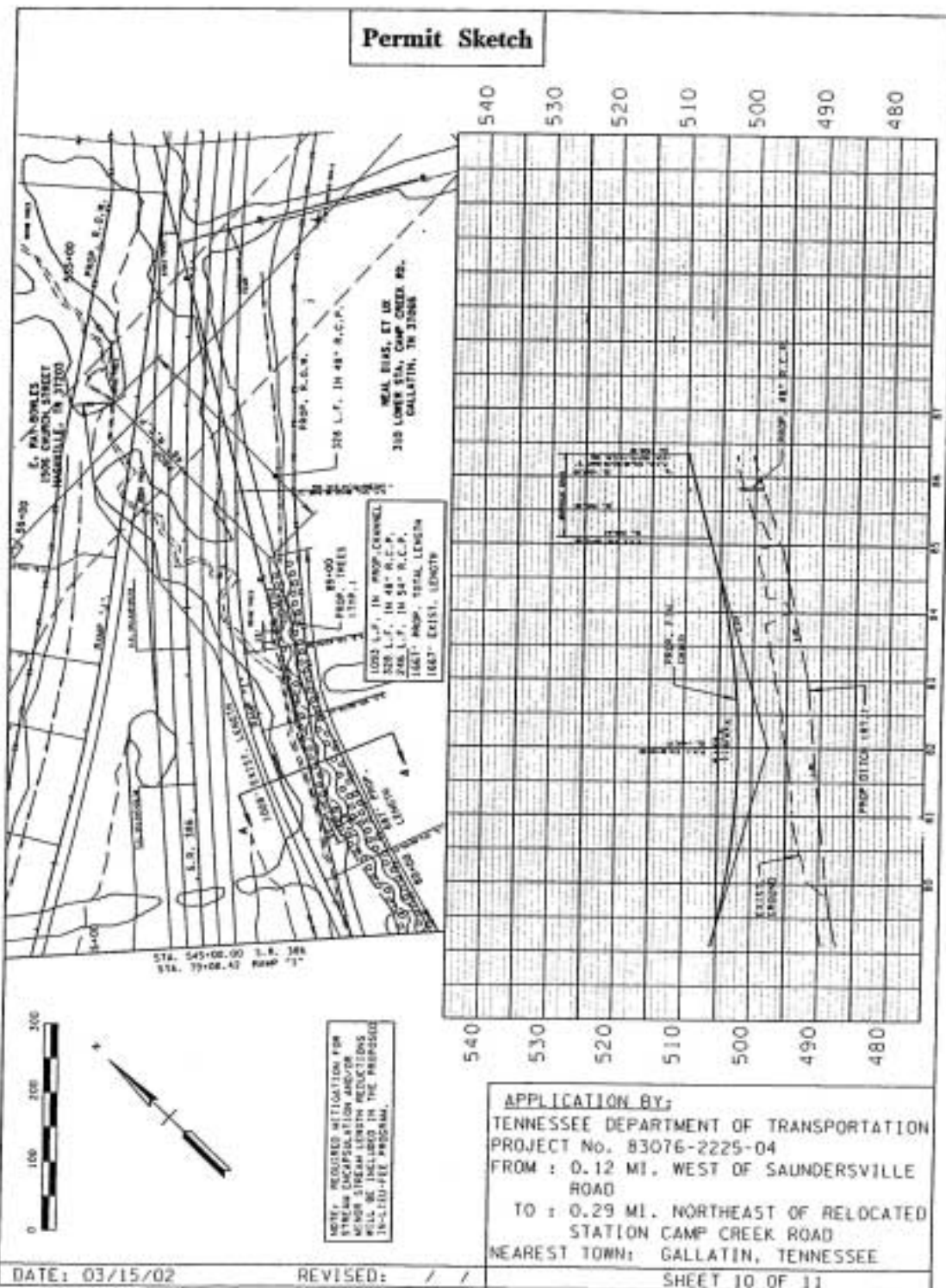
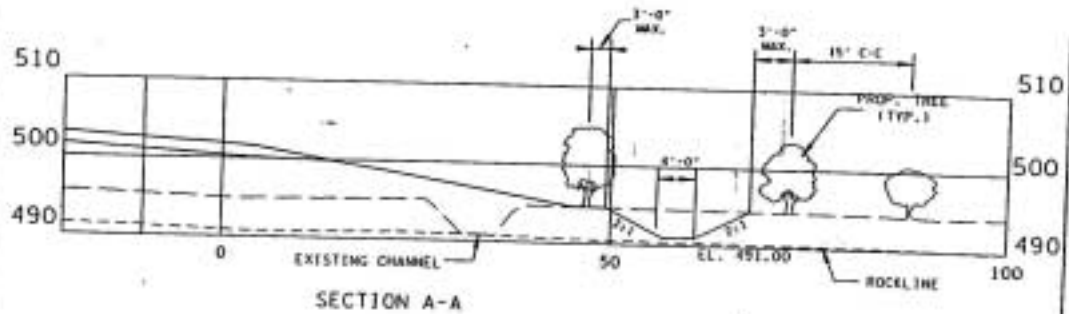


FIGURE 3 SR 386 PERMIT SKETCH 2 (TDOT Sheet 10 of 11)

File No. 200200387

# Permit Sketch



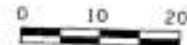
## TREE SPECIFICATIONS

TREES (ACER NEGUNDO, 1 1/4" - 1 1/2" CALIPER, BALLED AND BURLAP  
 TREES (ACER RUBRUM, 1 1/4" - 1 1/2" CALIPER, BALLED AND BURLAP  
 TREES (CARYA OVATA, 1 1/4" - 1 1/2" CALIPER, BALLED AND BURLAP  
 TREES (QUERCUS ALBA, 1 1/4" - 1 1/2" CALIPER, BALLED AND BURLAP  
 TREES (SALIX NIGRA, 1 1/4" - 1 1/2" CALIPER, BALLED AND BURLAP

NO SUBSTITUTIONS OF TREE, SHRUB, OR CUTTING SPECIES OR SIZES SHALL BE ALLOWED WITHOUT WRITTEN APPROVAL OF THE TDDT OFFICE OF ENVIRONMENTAL PLANNING AND PERMITS. TREES SHALL BE THE VARIETY NATIVE TO TENNESSEE, WELL-BRANCHED, BALL AND BURLAPED, AND FIRST QUALITY. NO CLONES OR CULTIVARS WILL BE ACCEPTED. ANY FOUND TO BE INCORRECT SPECIES, OR IMPROPERLY PLANTED, AT ANY TIME PRIOR TO TERMINATION OF THE CONTRACT SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE. STAKES AND WIRES SHALL BE REMOVED IMMEDIATELY PRIOR TO CONTRACT TERMINATION, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

## NOTE :

PLANT TWO ROWS (IF SPACE AVAILABLE) OF TREES ON 15-FOOT CENTERS ON BOTH SIDES OF NEW CHANNEL. THE FIRST ROW SHOULD BE CENTERED NO FURTHER THAN 3 FEET FROM THE TOP OF THE BANK.



## APPLICATION BY:

TENNESSEE DEPARTMENT OF TRANSPORTATION  
 PROJECT No. 83076-2225-04  
 FROM : 0.12 MI. WEST OF SAUNDERSVILLE ROAD  
 TO : 0.29 MI. NORTHEAST OF RELOCATED STATION CAMP CREEK ROAD  
 NEAREST TOWN: GALLATIN, TN

DATE: 03/15/02

REVISED: / /

SHEET 11 OF 11

FIGURE 4 SR 386 PERMIT SKETCH 3 (TDOT Sheet 11 Of 11)